

WO 03/057378 A1



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 03/00046

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B08B3/02 B65G45/22 A61L2/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B08B B65G A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 195 46 756 A (HEIDT) 10 October 1996 (1996-10-10)	1, 3-5, 7, 8, 11, 12, 19, 20, 23-26, 30-33
Y		6, 9, 10, 27, 29
A	abstract column 1, line 3 - line 22 column 1, line 55 - line 59 column 3, line 38 - line 49 column 5, line 39 - line 63 column 6, line 13 - line 48 column 8, line 18 - line 29; figures --- -/-	2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *G* document member of the same patent family

Date of the actual completion of the international search

24 March 2003

Date of mailing of the international search report

31/03/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/00046

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 6 135 267 A (STRAUB) 24 October 2000 (2000-10-24) abstract column 2, line 12 - line 18 column 3, line 46 - column 5, line 12; figures	6,9,10, 27 1-5,7,8, 11,12, 19,20, 25,29-33
Y A	US 2 266 309 A (COHEN) 16 December 1941 (1941-12-16) page 1, left-hand column, line 1 - line 3 page 2, left-hand column, line 18 - line 57; figures	29 1,3-6,8, 25-27, 30,33
X Y	EP 0 679 335 A (KENTMASTER MFG. CO., INC.) 2 November 1995 (1995-11-02) abstract column 2, line 47 - line 53 column 4, line 14 - column 6, line 29 column 8, line 44 - column 9, line 25 column 11, line 12 - line 44 column 12, line 7 - line 12; figures	1,2,7, 9-13, 18-21, 23-26, 30-33 3-5,8
Y A	WO 01 07719 A (INNOCLEANING CONCEPTS HOLDING BV ET AL) 1 February 2001 (2001-02-01) abstract page 1, line 1 - line 10 page 3, line 28 - page 4, line 8 page 7, line 28 - page 9, line 3 page 9, line 34 - page 10, line 23; figures	3-5,8 1,2,7,9, 11-13, 30-33
X A	WO 96 13341 A (VIEL) 9 May 1996 (1996-05-09) abstract page 1, line 1 - line 7 page 4, line 24 - page 5, line 30; figures	1,7,16, 19,20, 30-33 2-5,8
	-/--	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/00046

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	DE 200 08 568 U (OFTEC HANDELSGESELLSCHAFT FÜR OBERFLÄCHENTECHNIK MBH) 24 August 2000 (2000-08-24) abstract page 6, line 1 - line 13 column 9, line 1 -column 10, line 5; figures	1,7,11, 12,19, 20,22, 25,30-33 2-5,8
X A	DE 298 03 826 U (HSB UMWELTTECHNIK GMBH) 25 June 1998 (1998-06-25) page 1, line 1 - line 8 page 2, line 3 - line 11 page 3, line 2 - line 29; figures	1,7,13, 19,20, 25,26, 30-33 2-5,8
A	FR 2 802 132 A (TOBIE) 15 June 2001 (2001-06-15) abstract page 1, line 2 -page 2, line 23	1,3-6, 8-12, 25-27, 30,33

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/00046

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19546756	A	10-10-1996	DE 19546756 A1	10-10-1996
			WO 9721378 A1	19-06-1997
US 6135267	A	24-10-2000	DE 19702196 A1	30-07-1998
			FI 980061 A	24-07-1998
US 2266309	A	16-12-1941	NONE	
EP 0679335	A	02-11-1995	US 5503594 A	02-04-1996
			US 5607349 A	04-03-1997
			AT 176849 T	15-03-1999
			AU 691254 B2	14-05-1998
			AU 1769695 A	09-11-1995
			BR 9501822 A	01-10-1996
			CA 2148027 A1	29-10-1995
			DE 69507910 D1	01-04-1999
			DE 69507910 T2	23-09-1999
			EP 0679335 A1	02-11-1995
			ES 2131232 T3	16-07-1999
			NZ 270963 A	24-11-1997
			ZA 9503212 A	03-01-1996
WO 0107719	A	01-02-2001	NL 1012675 C2	23-01-2001
			NL 1012895 C2	23-01-2001
			AU 6190600 A	13-02-2001
			BR 0012652 A	28-05-2002
			CN 1371441 T	25-09-2002
			EP 1196661 A1	17-04-2002
			JP 2003505237 T	12-02-2003
			WO 0107719 A1	01-02-2001
			US 2002112744 A1	22-08-2002
WO 9613341	A	09-05-1996	WO 9613341 A1	09-05-1996
DE 20008568	U	24-08-2000	DE 20008568 U1	24-08-2000
DE 29803826	U	25-06-1998	DE 29803826 U1	25-06-1998
FR 2802132	A	15-06-2001	FR 2802132 A1	15-06-2001